

Storm Data and Unusual Weather Phenomena

September 2002

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons | | Estimated Damage | | Character of Storm |
|--|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--|
| | | | | | Killed | Injured | Property | Crops | |
| <u>NEW MEXICO Southeast</u> | | | | | | | | | |
| Eddy County Whites City | 13 | 1326MST | | | 0 | 0 | 0 | 0 | Hail(0.88) |
| | | | | | | | | | A severe thunderstorm developed rapidly over Whites City and produced nickel size hail. |
| Eddy County 11 W Lakewood | 15 | 0550MST 0615MST | | | 0 | 0 | 0 | 0 | Flash Flood |
| | | | | | | | | | Flash flooding resulted in three feet of water over County Road 28. |
| Eddy County 4 SW Carlsbad | 15 | 0735MST 0750MST | | | 0 | 0 | 5K | 0 | Flash Flood |
| | | | | | | | | | Officials reported flash flooding which resulted in high water up to three feet deep over a low water crossing at Dark Canyon Draw near Hidalgo. One vehicle was stalled in the flood waters. No injuries were reported. |
| Eddy County Central Portion | 15 | 0745MST 0845MST | | | 0 | 0 | 0 | 0 | Urban/Sml Stream Fld |
| | | | | | | | | | Numerous reports of high water in arroyos and low water crossings were received through mid morning. |
| <u>TEXAS West</u> | | | | | | | | | |
| Reeves County 17 WNW Balmorhea to 15 WNW Balmorhea | 13 | 1430CST 1440CST | 2 | 75 | 0 | 0 | 0 | 0 | Tornado (F0) |
| | | | | | | | | | A truck driver traveling on Interstate 10 in western Reeves County reported and photographed a tornado. The tornado was located just north of the interstate ...a few miles east of the Interstate 10 and Interstate 20 junction. |
| Pecos County Belding | 13 | 1612CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G57) |
| | | | | | | | | | Local law officials reported large trees blown down by thunderstorm winds. |
| Ward County 2 S Monahans to 1 S Monahans | 13 | 1630CST 1634CST | | | 0 | 0 | 50K | 0 | Thunderstorm Wind (G70) |
| | | | | | | | | | Local media reported that a large transmitter tower was blown down near Monahans by severe thunderstorm winds. |
| Loving County 9 NW Mentone | 13 | 1645CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G52) |
| Ector County 20 SW Odessa | 13 | 1710CST 1715CST | | | 0 | 0 | 30K | 0 | Thunderstorm Wind (G70) |
| | | | | | | | | | Two residences along Interstate 20 in southwest Ector County received damage from severe thunderstorm winds. The roof of a mobile home was destroyed, windows were broken, and a barn was destroyed. |
| Winkler County Kermit | 13 | 1715CST | | | 0 | 0 | 10K | 0 | Thunderstorm Wind (G65) |
| | | | | | | | | | A well developed bow echo developed and moved east across Winkler County. The Kermit PD reported damaging winds up to 75 MPH. Large trees were blown down along with power poles. A few tin roofs received minor damage. |
| Borden County 2 SE Gail | 13 | 1720CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G56)M |
| | | | | | | | | | A severe thunderstorm wind gust was measured by the Texas Mesonet. |
| Ector County 8 W Odessa to 6 W Odessa | 13 | 1725CST 1735CST | | | 0 | 0 | 150K | 0 | Thunderstorm Wind (G70) |
| | | | | | | | | | Numerous reports of damaging winds were received from the area around West Odessa. Although reports indicated wind speeds ranging from 80 to 100 MPH, a NWS damage survey concluded that maximum wind gusts were likely 80 mph. One mobile home was completely destroyed. Seven homes received what was termed major damage, including severe roof or siding damage. Five additional homes had minor damage, restricted to mainly broken windows. Large trees and power poles were also blown down. No injuries were reported. |
| Ector County 8 W Odessa | 13 | 1735CST 1740CST | | | 0 | 0 | 0 | 0 | Hail (1.75) |
| | | | | | | | | | Several reports of large hail ranging four quarter to golfball size were received from West Odessa. |

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| TEXAS West | | | | | | | | | |
| Presidio County Presidio | 13 | 1740CST | | | 0 | 0 | 0 | Thunderstorm Wind (G61) | |
| Presidio County Presidio | 13 | 1740CST 1800CST | | | 0 | 0 | 0 | Urban/Sml Stream Fld | |
| | | Minor street flooding was reported in the city. | | | | | | | |
| Midland County 10 W Midland | 13 | 1750CST | | | 0 | 0 | 0 | Thunderstorm Wind (G52) | |
| Andrews County 10 S Andrews | 13 | 1752CST | | | 0 | 0 | 0 | Thunderstorm Wind (G52) | |
| | | Reported on Highway 385. | | | | | | | |
| Reeves County 2 SE Pecos | 13 | 1800CST | | | 0 | 0 | 0 | Thunderstorm Wind (G56)M | |
| | | A severe thunderstorm wind gust of 64 MPH was measured at the Pecos Municipal Airport. | | | | | | | |
| Midland County Midland | 13 | 1809CST | | | 0 | 0 | 0 | Thunderstorm Wind (G52) | |
| | | Severe thunderstorms resulted in 60 MPH winds at the Scarborough Sports Complex just before a high school football game was scheduled to begin. No injuries or damage was reported. | | | | | | | |
| Ector County Odessa | 13 | 1810CST 1815CST | | | 0 | 0 | 15K | 0 | Thunderstorm Wind (G61) |
| | | A secondary area of severe winds developed, and moved into the Odessa area. These winds were associated with a broad area of weak convection which developed in the wake of the more significant severe thunderstorm previously listed. This event resulted in damaging winds affecting the Permian Basin Fair. Windows were blown out of approximately ten vehicles, and several tents were blown down. No injuries were reported. | | | | | | | |
| Ector County 5 ENE Gardendale | 13 | 1827CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G52) |
| Midland County 13 NW Midland | 13 | 1827CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G52) |
| Martin County Lenorah | 13 | 1830CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G52) |
| Pecos County Ft Stockton | 13 | 1837CST 1850CST | | | 0 | 0 | 10K | 0 | Thunderstorm Wind (G70)M |
| | | The ASOS at Fort Stockton measured a 58 MPH wind gust. Numerous reports of winds up to 80 MPH were received in the following fifteen minutes. Some of the reports indicated damage to large trees, power poles, and road signs. | | | | | | | |
| Ector County Odessa | 13 | 1840CST 1920CST | | | 0 | 0 | 5K | 0 | Urban/Sml Stream Fld |
| | | Moderate street flooding was reported in parts of Odessa, resulting in at least one stalled car. No injuries were reported. | | | | | | | |
| Borden County 17 NE Gail | 13 | 2035CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G58)M |
| | | A severe thunderstorm wind gust was measured by the Texas Mesonet. | | | | | | | |
| | | The afternoon and evening of the 13th brought an active severe weather situation to West Texas. The primary severe weather mode was multicell storm structures with damaging winds. However, a few storms exhibited supercellular characteristics, and one tornado was documented in western Reeves County. Large hail to the size of golfballs was also reported. The most significant damage reports were received from the West Odessa and Odessa areas in Ector County. Winds up to 100 MPH were reported with the first severe storm to impact that area, but those reports could not be substantiated by a NWS damage survey. A second complex of storms affecting the area resulted in 70 MPH winds. Damage was also reported from thunderstorm winds in Kermit and Fort Stockton. | | | | | | | |
| Ector County 2 N Odessa to 8 W Odessa | 14 | 1810CST 1815CST | | | 0 | 0 | 0 | 0 | Hail (1.25) |
| | | Several reports of large hail were received from the Odessa area ...as a severe thunderstorm developed and moved south. The storm was short lived, but produced hail to the size of half dollars. | | | | | | | |

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| TEXAS West | | | | | | | | | |
| Pecos County | | | | | | | | | |
| Imperial | 14 | 1830CST | 0.1 | 50 | 0 | 0 | 0 | 0 | Tornado (F0) Officials in Pecos County reported a brief tornado near the city of Imperial. No damage or injuries were reported. The tornado formed as an outflow boundary interacted with a severe storm. |
| Presidio County | | | | | | | | | |
| Presidio | 15 | 1900CST 1925CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G52) |
| Borden County | | | | | | | | | |
| 17 NE Gail | 18 | 1935CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G54)M A severe thunderstorm wind gust was measured by the Texas Mesonet. |
| Midland County | | | | | | | | | |
| Midland to Greenwood | 18 | 2025CST 2050CST | | | 0 | 0 | 100K | 0 | Thunderstorm Wind (G65) Damaging thunderstorm winds were reported from the city of Midland to Greenwood. A total of nineteen power poles were blown down by the winds. The hardest hit areas were near Greenwood , where a NWS damage survey indicated that several weakly constructed homes received minor roof damage, along with one business. In addition, windows were blown out of seven vehicles in a church parking lot. No injuries were reported. |
| Howard County | | | | | | | | | |
| 5 SE Big Spring | 18 | 2050CST 2100CST | | | 0 | 0 | 0 | 0 | Hail(0.75) |
| Reeves County | | | | | | | | | |
| 12 N Pecos to Pecos | 18 | 2120CST 2130CST | | | 0 | 0 | 10K | 0 | Thunderstorm Wind (G70) Local officials reported severe wind gusts blew down powerlines along Highway 285 from 12 miles north of Pecos to the city. |
| Glasscock County | | | | | | | | | |
| Countywide | 18 | 2200CST | | | 0 | 0 | 35K | 0 | Thunderstorm Wind (G70) The local utility company reported that powerlines were blown down across a large part of Glasscock County. |
| Martin County | | | | | | | | | |
| Stanton | 18 | 2200CST | | | 0 | 0 | 0 | 0 | Thunderstorm Wind (G56)M Thunderstorms producing damaging winds affected parts of the Permian Basin and the Trans Pecos region. The most significant damage was in Midland County. Elsewhere, the damage was restricted to mainly power lines and poles. |